Index to

VOLUME 8

BRAIN RESEARCH BULLETIN

SUBJECT INDEX

Acetylcholine
  algesic agents, 23
  γ-aminobutyric acid, 23
  blood pressure, 483
  bradykinin, 23
  dopamine, 483
  dopaminergic mechanisms, 483
  fluphenazine, 483
  histamine, 23
  nodose ganglion, 23
  noradrenalone, 483
  nucleus tractus solitarius, 483
  rabbit, 23
  receptor sites, 23
  sensory ganglion, 23
  serotonin, 23
  sulpiride, 483
  visceral afferent neurons, 23
Acetylcholinesterase
  basal forebrain, 727, 751
  basolateral amygdala, 751
  brainstem, 223
  catecholamine neurons, 223
  cholinergic afferents, 727
  cholinergic neurons, 279
  cholinergic systems, 751
  cortex, 727
  histochemistry, 223
  histofluorescence, 727, 751
  horseradish peroxidase, 279
  vagal efferent neurons, 279
AChE neurons, 183
  basal forebrain
  basal ganglia
  brain, cat
  extrapyramidal system
  limbic system
Action potential duration, 87
  intracellular recording
  Lucifer yellow staining
  paraventricular neurones
Adipsia, 375
  dopamine agonists
  drinking
  lesions, electrolytic
  lesions, hypothalamic
  lesions, 6-OHDA
  thirst
Adrenergic benzodiazepine receptors, 547
  brain receptor binding
  muscular dystrophy
Afferent connections
  dorsomedial hypothalamus, 53
  horseradish peroxidase, 53, 63
  lateral hypothalamic area, 63
  lateral preoptic area, 63
  medial preoptic area, 53
  ventromedial hypothalamus, 53
Afterpotentials, 551
  eutherians
  hedgehog
  hippocampus
  mammals
  visual evoked potentials
Aging
  alloxan, 317
  diabetes, experimental, 317
  diabetic neuropathy, 317
  electron microscope, 381
  inferior olive nucleus, 381
  neuropil, 381
  peripheral nerve, 317
  streptozotocin, 317
  ultrastructural axonal pathology, 317
Algesic agents, 23
  acetylcholine
  γ-aminobutyric acid
  bradykinin
  histamine
  nodose ganglion
  rabbit
  receptor sites
  sensory ganglion
  serotonin
  visceral afferent neurons
Alloxan, 317
  aging
  diabetes, experimental
  diabetic neuropathy
  peripheral nerve
  streptozotocin
  ultrastructural axonal pathology
γ-Aminobutyric acid, 23
  acetylcholine
  algesic agents
  bradykinin
  histamine
  nodose ganglion
  rabbit
  receptor sites
  sensory ganglion
  serotonin
  visceral afferent neurons
Amygdala
  apomorphine, 685
  autoradiographic tracing, 511
  brain stimulation, 685
  cortex, 511
  dopaminergic afferents, 685
  efferent connections, 511
  evoked potentials, 653
  gustatory afferents, 685
  habenula, 511
  intracellular synaptic potentials, 653
  lateral hypothalamic area, 511
  lateral hypothalamus, 653
  parabrachial nucleus, 511
  paraventricular hypothalamic nucleus, 511
  pontine parabrachial nucleus, 685
  raphe nuclei, 511
  single unit recording, 653
  spiroperidol, 685
  vagus, 511
  ventral tegmental area, 685
Anterior lobe, 45
  cerebellum
  CNS developmental abnormalities
  DNA alkylating agents

focal cerebellar dystrophy
methylnitrosourea
Purkinje cells
vermis
Anterograde horseradish peroxidase, 249
lateral hypothalamic area
retinohypothalamic pathways
suprachiasmatic nucleus
Anxiolytics, 609
benzodiazepine receptors
diazepam
exploratory behavior
strain differences, mice
Apomorphine
amygdala, 685
brain stimulation, 685
dopamine receptors, 587
dopaminergic afferents, 685
growth hormone, 587
gustatory afferents, 685
human studies, 587
pontine parabrachial nucleus, 685
spiroperidol, 685
sulpiride, 587
ventral tegmental area, 685
Apparatus
Dextrostix, 303
digital linear actuator, 543
headholder, 233
head restraint, 443
hydraulic pressure device for brain microinjections, 237
infusion pump, 543
microelectrode positioner, 539
multiaxial stereotaxic device, 233
restraint apparatus, 539
transcannula subcortical implant, 581
YSI Glucose Analyzer, 303
Artifactual staining, 211
brain, rat
CA1 pyramidal cells
dye coupling
electronic coupling
hippocampus
Lucifer yellow
Ascending projections, 389
cerebellum
cerebral cortex
development
forebrain
hippocampus
5-hydroxytryptamine
immunocytochemistry
indoleamine
raphe nuclei
serotonin
Ascending serotonergic pathways, 131
lateral hypothalamus
lesions, electrolytic
lesions, raphe
serotonergic terminals
serotonin uptake
synaptosomal uptake
Associative changes, 367
conditioning
differentiation
hippocampus
non-associative changes
unit activity
Autoradiographic tracing, 511
amygdala
cortex
efferent connections
habenula
lateral hypothalamic area
parabrachial nucleus
paraventricular hypothalamic nucleus
raphe nuclei
vagus
Autoradiography, 459
2-deoxyglucose
electrical stimulation
functional mapping
hypothalamus
limbic forebrain
Autonomic nervous system, 493
gustatory pathways
insular cortex
parabrachial nucleus
visceral afferent pathways
wheat germ agglutinin/horseradish peroxidase

Basal forebrain
acetylcholinesterase, 727, 751
AChE neurons, 183
basal ganglia, 183
basolateral amygdala, 751
brain, cat, 183
cholinergic afferents, 727
cholinergic systems, 751
cortex, 727
extrapyramidal system, 183
histofluorescence, 727, 751
limbic system, 183
Basal ganglia, 183
AChE neurons
basal forebrain
brain, cat
extramidal system
limbic system
Basolateral amygdala, 751
acetylcholinesterase
basal forebrain
cholinergic systems
histofluorescence
Behavior, 439
ibotenic acid
kainic acid
neuromorphological alterations
Benzodiazepine receptors, 609
anxiolytics
diazepam
exploratory behavior
strain differences, mice
Blood, 555
cerebrospinal fluid
histamine
hypophysectomy
pentobarbitone
vasopressin
Blood glucose monitoring methods, 303
Dextrostix
enzymatic fluorometric assay
Flaxedil
pentobarbital
urethane
YSI Glucose Analyzer
Blood pressure, 483
acetylcholine
dopamine
dopaminergic mechanisms
fluphenazine
noradrenaline
nucleus tractus solitarius
sulpiride
Bombesin analogs, 617
drinking
eating
lateral hypothalamus
satiety

Bradykinin, 23
acetylcholine
algesic agents
γ-aminobutyric acid
histamine
nodose ganglion
rabbit
receptor sites
sensory ganglion
serotonin
visceral afferent neurons
Brain
amygdala, 511, 653, 685
anterior lobe, 45
anteroventral thalamic nucleus, 781
band of Broca, 511
basal forebrain, 183, 727, 751
basal ganglia, 183
basolateral amygdala, 53, 751
bed nucleus, stria terminalis, 53, 63
brainstem, 139, 223, 511
caudate nucleus, 183, 431, 477
central gray, 459
central tegmental tract, 511
cerebellum, 45, 163, 389
cerebral cortex, 389, 435, 765
cingulate cortex, 489, 781
cingulum bundle, 511
cisterna magna, 789
colchicine, 171
cortex, 431, 511, 727
cortico-medial amygdala, 459
diagonal band, 53
dorsal bundle, 229
dorsal hippocampus, 15
dorsal raphe nucleus, 123, 131, 711
dorsal septal nucleus, 63
dorsal vagal motor nucleus, 37
dorsomedial hypothalamus, 53
extrapyramidal system, 183
forebrain, 389
fornix, 459
frontal cortex, 15, 527, 771
globus pallidus, 183, 431
hippocampus, 95, 155, 211, 341, 367, 389, 431, 477, 551, 765
hypothalamus, 33, 79, 171, 183, 197, 299, 325, 431, 623
inferior olivary nucleus, 381, 581
infralimbic cortex, 53
insular cortex, 139, 493
islands of Calleja, 183
lateral amygdaloid nucleus, 63
lateral habenular nucleus, 63, 459, 511
lateral hypothalamus, 63, 131, 249, 375, 511, 617, 653, 711
lateral parabrachial area, 63
lateral preoptic area, 63, 511
lateral septal nucleus, 53, 63, 459, 511
limbic system, 183
lingual nerve, 73
locus coeruleus, 229, 703, 711
magnocellular preoptic region, 711
magnus raphe nucleus, 123
mammillotegmental tract, 459
mammillothalamic tract, 459
medial amygdaloid nucleus, 53, 63
medial basal hypothalamus, 255
medial forebrain bundle, 459, 511, 667
medial infralimbic cortex, 63
medial prefrontal cortex, 63
medial preoptic area, 53, 255
medial septal-diagonal band, 183
medial septal nucleus, 53
median eminence, 449
median raphe nucleus, 131
mediobasal hypothalamus, 677
mediodorsal thalamic nucleus, 781
medulla oblongata, 359, 693, 721
mesencephalic central gray, 63
mesencephalon, 149, 693
midbrain central gray, 511
midbrain reticular formation, 7
neocortex, 273
neostriatum, 183, 631
nigro-striatal bundle, 375
nodose ganglion, 503
nucleus accumbens, 53, 63, 431, 459
nucleus ambiguus, 37, 359
nucleus circularis, 197
nucleus commisuralis, 511
nucleus locus coeruleus, 63
nucleus raphe magnus, 101, 777
nucleus raphe medianus, 435
nucleus supraopticus, 197
nucleus tractus solitarius, 139, 285, 483, 503, 511
olfactory bulb, 711
olfactory tubercle, 183, 711
parabrachial area, 53, 493, 511
paraventricular nucleus, 87, 183, 511
perifornix, 459
peripedunclar nucleus, 53, 63
periventricular nucleus, 613
periventricular system, 511
piriform cortex, 711
pituitary, 117
pons, 511
pons-medulla, 223
pontine central gray, 53, 63
pontine parabrachial nucleus, 685
prefrontal cortex, 781
preoptic area, 79, 261
preoptic-anterior hypothalamus, 677
preoptico-hypothalamus, 459
pulvinar nucleus of thalamus, 565
Purkinje cells, 45
raphe nuclei, 63, 149, 389, 477, 511
salivary nucleus, 73
stria medullaris, 511
stria terminalis, 511, 653
stratum pyramidale, 211
stratum radiatum, 211
subiculum, 53
substantia innominata, 183, 511
substantia nigra, 7, 123, 711
superior colliculus, 511
suprachiasmatic nucleus, 249
supramammillary nucleus, 183
supraoptic nucleus, 87, 171, 183
telencephalon, 511
tetrodotoxin, 273
thalamus, 353, 459, 765
tractus solitarius, nucleus, 37
vagal afferents, 503
vagal efferent neurons, 279
vagus nerve, 37
ventral globus pallidus, 63
ventral nucleus, lateral lemniscus, 63
ventral raphe, 711
ventral tegmental area, 7, 63, 459, 685
ventromedial hypothalamus, 53, 347, 511, 613, 711
vermis, 45
zona compacta, 7
zona reticulata, 7
Brain, cat
AChE neurons, 183
basal forebrain, 183
basal ganglia, 183
catecholamine receptors, 79
dopamine antagonists, 79
extrapyramidal system, 183
hyperthermia, 79
hypothalamus, 79

hypothermia, 79
limbic system, 183
norepinephrine antagonists, 79
preoptic area, 79
serotonin receptors, 79
thermoregulation, 79
Brain, rat
artifactual staining, 211
CA1 pyramidal cells, 211
cerebellum, 163
colchicine, 171
dehydration, 171
dye coupling, 211
electronic coupling, 211
fine structure, 171
hippocampus, 211
information processing, 163
Lucifer yellow, 211
Markov chain, 163
neural coding, 163
neurosecretion, 171
rehydration, 171
relative interval code, 163
serial dependency, 163
supraoptic nucleus, 171
unit activity, 163
Brain receptor binding, 547
adrenergic benzodiazepine receptors
muscular dystrophy
Brainstem, 223
acetylcholinesterase
catecholamine neurons
histochemistry
Brain stimulation, 685
amygdala
apomoprhine
dopaminergic afferents
gustatory afferents
pontine parabrachial nucleus
spiroperidol
ventral tegmental area
Bremazocine, 1
DADL
delta opiate receptors
morphine
myoclonic contractions
opiate agonists
opioid peptides
^{125}I-αBungarotoxin binding and distribution, 431
caudate nucleus
cortex
globus pallidus
hippocampus
hypothalamus

CA1 field potentials, 341
17β-estradiol
hippocampal slice
Δ^9-tetrahydrocannabinol
CA1 pyramidal cells, 211
artifactual staining
brain, rat
dye coupling
electronic coupling
hippocampus
Lucifer yellow
Cardiac ganglia, 267
celiac ganglion
DMPP
hexamethonium
splanchnic nerve activity
sympathetic activity

Cardiac nerve physiology, 359
cardioinhibition
dogs
horseradish peroxidase
medulla oblongata
nucleus ambiguus
Cardioinhibition, 359
cardiac nerve physiology
dogs
horseradish peroxidase
medulla oblongata
nucleus ambiguus
Cat
dendrites, 123
head restraint, 443
nerve activity, 123
neuronal firing patterns, 565
pulvinar nucleus of thalamus, 565
raphe nuclei, 123
serotonin release, 123
single unit recording, 443
stochastic models, 565
visual attention, 565
Cat brain, 711
horseradish peroxidase
locus coeruleus
olfactory bulb
olfactory tubercle
rat brain
Catecholamine fluorescence, 229
central nervous system
functional anatomy
horseradish peroxidase
knife cuts, labeling
noradrenergic dorsal bundle
pathway tracing
Catecholamine neurons, 223
acetylcholinesterase
brainstem
histochemistry
Catecholamine receptors, 79
brain, cat
catecholamine receptors
dopamine antagonists
hyperthermia
hypothalamus
hypothermia
norepinephrine antagonists
preoptic area
serotonin receptors
thermoregulation
Catecholamines
p-chlorophenylalanine, 527
dopamine depletion rate, 33
drug interactions, 527
estrous cycle, 33
hamsters, 33
6-hydroxydopamine, 527
hypothalamus, 33
LHRH, 33
neocortex, 527
serotonin, 527
Caudate nucleus
^{125}I-αbungarotoxin binding and distribution, 431
cortex, 431
globus pallidus, 431
hippocampus, 431, 477
5-hydroxyindoleacetic acid, 477
hypothalamus, 431
inbred mice, 477
nicotinic receptors, 431
nucleus accumbens, 431
raphe nuclei, 477
serotonin, 477
time of day, 477

Celiac ganglion, 267
cardiac ganglia
DMPP
hexamethonium
splanchnic nerve activity
sympathetic activity
Central gut projections, Map, 37
dorsal vagal motor nucleus
horseradish peroxidase
nucleus ambiguus
stomach
tractus solitarius, nucleus
vagus nerve
Central nervous system, 229
catecholamine fluorescence
functional anatomy
horseradish peroxidase
knife cuts, labeling
noradrenergic dorsal bundle
pathway tracing
Cerebellum
anterior cells, 45
ascending projections, 389
brain, rat, 163
cerebral cortex, 389
CNS developmental abnormalities, 45
development, 389, 957
DNA alkylating agents, 45
focal cerebellar dystrophy, 45
forebrain, 389
hippocampus, 389
5-hydroxytryptamine, 389
immunocytochemistry, 389
indoleamine, 389
information processing, 163
Markov chain, 163
methylnitrosourea, 45
neural coding, 163
Purkinje cells, 45
raphe nuclei, 389
relative interval code, 163
serial dependency, 163
serotonin, 389
unit activity, 163
vermis, 45
Cerebral cortex, 389
ascending projections
cerebellum
development
forebrain
hippocampus
5-hydroxytryptamine
immunocytochemistry
indoleamine
raphe nuclei
serotonin
Cerebrospinal fluid
blood, 555
chronic sampling, 789
eating, 293
histamine, 555
5-hydroxyindoles, 293
hypophysectomy, 555
liquid chromatography/electrochemical detection (LCEC), 293
pentobarbitone, 555
sleep, 293
tryptophan metabolites, 293
vasopressin, 555
Cerveau isolé, 15
frontal spindles
sleep
theta activity
p-Chlorophenylalanine, 527
catecholamines
drug interactions
6-hydroxydopamine
neocortex
serotonin
Cholinergic afferents, 727
acetylcholinesterase
basal forebrain
cortex
histofluorescence
Cholinergic neurons, 279
acetyl-cholinesterase
horseradish peroxidase
vagal efferent neurons
Cholinergic systems, 751
acetylcholinesterase
basal forebrain
basolateral amygdala
histofluorescence
Chronic sampling, 789
cerebrospinal fluid
Chronic single-unit recording, 539
microelectrode positioner
restraint apparatus
Cingulate cortex, 781
differential conditioning
mediodorsal thalamic nucleus
prefrontal cortex
rabbits
unit activity
CNS developmental abnormalities, 45
anterior lobe
cerebellum
DNA alkylating agents
focal cerebellar dystrophy
methylnitrosourea
Purkinje cells
vermis
Colchicine, 171
brain, rat
dehydration
fine structure
neurosecretion
rehydration
supraoptic nucleus
Conditioning, 367
associative changes
differentiation
hippocampus
non-associative changes
unit activity
Cortex
acetylcholinesterase, 727
amygdala, 511
autoradiographic tracing, 511
basal forebrain, 727
^{125}I-αbungarotoxin binding and distribution, 431
caudate nucleus, 431
cholinergic afferents, 727
efferent connections, 511
globus pallidus, 431
habenula, 511
hippocampus, 431
histofluorescence, 727
hypothalamus, 431
lateral hypothalamic area, 511
nicotinic receptors, 431
nucleus accumbens, 431
parabrachial nucleus, 511
paraventricular hypothalamic nucleus, 511
raphe nuclei, 511
vagus, 511
Cortical neurones, 435
iontophoresis
raphe nucleus stimulation
tryptamine

Deafferentation, 255
lesions, medial preoptic area
luteinizing hormone
medial basal hypothalamus
ovariectomy
Dehydration, 171
brain, rat
colchicine
fine structure
neurosecretion
rehydration
supraoptic nucleus
Delta opiate receptors, 1
bremazocine
DADL
delta opiate receptors
morphine
myoclonic contractions
opiate agonists
opioid peptides
Dendrites, 123
cat
nerve activity
raphe nuclei
serotonin release
Dendritic spine density, 261
Golgi-Kopsch method
preoptic area
puberty, female rat
2-Deoxyglucose, 459
autoradiography
electrical stimulation
functional mapping
hypothalamus
limbic forebrain
Development, 389
ascending projections
cerebellum
cerebral cortex
forebrain
hippocampus
5-hydroxytryptamine
immunocytochemistry
indoleamine
raphe nuclei
serotonin
Dextrostix, 303
blood glucose monitoring methods
enzymatic fluorometric assay
Flaxedil
pentobarbital
urethane
YSI Glucose Analyzer
Diabetes, experimental, 317
aging
alloxan
diabetic neuropathy
peripheral nerve
streptozotocin
ultrastructural axonal pathology
Diabetes, streptozotocin-induced, 593
glyoxylic acid histofluorescence
heart, rat
neurochemistry
noradrenergic fibers
Diabetic neuropathy, 317
aging
alloxan
diabetes, experimental
peripheral nerve
streptozotocin
ultrastructural axonal pathology
Diazepam, 609
anxiolytics
benzodiazepine receptors
exploratory behavior
strain differences, mice
Differential conditioning, 781
cingulate cortex
mediodorsal thalamic nucleus
prefrontal cortex
rabbits
unit activity
Differentiation, 367
associative changes
conditioning
hippocampus
non-associative changes
unit activity
Digital linear actuator, 543
infusion pump
neural recording
Dimethyl-phenyl-piperazinium (DMPP), 267
cardiac ganglia
celiac ganglion
hexamethonium
splanchnic nerve activity
sympathetic activity
DNA alkylating agents, 45
anterior lobe
cerebellum
CNS developmental abnormalities
focal cerebellar dystrophy
methylnitrosourea
Purkinje cells
vermis
Dogs, 359
cardiac nerve physiology
cardioinhibition
horseradish peroxidase
medulla oblongata
nucleus ambiguus
Dopamine, 483
acetylcholine
blood pressure
dopaminergic mechanisms
fluphenazine
noradrenaline
nucleus tractus solitarius
sulpiride
Dopamine agonists, 375
adipsia
drinking
lesions, electrolytic
lesions, hypothalamic
lesions, 6-OHDA
thirst
Dopamine antagonists, 79
brain, cat
catecholamine receptors
hyperthermia
hypothalamus
hypothermia
norepinephrine antagonists
preoptic area
serotonin receptors
thermoregulation
Dopamine depletion rate, 33
catecholamines
estrous cycle
hamsters
hypothalamus
LHRH
Dopamine receptors, 587
apomoprhine
growth hormone
human studies
sulpiride
Dopaminergic afferents, 685
amygdala

apomorphine
brain stimulation
gustatory afferents
pontine parabrachial nucleus
spiroperidol
ventral tegmental area
Dopaminergic mechanisms, 483
acetylcholine
blood pressure
dopamine
fluphenazine
noradrenaline
nucleus tractus solitarius
sulpiride
Dorsal vagal motor nucleus, 37
central gut projections, map
horseradish peroxidase
nucleus ambiguus
stomach
tractus solitarius, nucleus
vagus nerve
Dorsomedial hypothalamus, 53
afferent connections
horseradish peroxidase
medial preoptic area
ventromedial hypothalamus
Drinking
adipsia, 375
bombesin analogs, 617
dopamine agonists, 375
eating, 617
lateral hypothalamus, 617
lesions, electrolytic, 375
lesions, hypothalamic, 375
lesions, 6-OHDA, 375
satiety, 617
thirst, 375
Drug
acetylcholine, 483
alloxan, 317
amphetamine, 375
apomorphine, 375, 587, 685
batrachotoxin, 123
benzidine, 249
benzodiazepine, 547
benztropine, 131
bremazocine, 1
^{125}I-αbungarotoxin, 431
d-butaclamol, 79
p-chlorophenylalanine, 527
cyclazocine, 1
DADL, 1
2-deoxyglucose, 459
desipramine, 131
diazepam, 609
5,7-dihydroxytryptamine, 131
di-isopropylfluorophosphate, 183
dimethyl-phenyl-piperazinium (DMPP), 267
dopamine, 79, 483
ethylketocyclazocine, 1
Flaxedil, 303
fluoextine, 123, 131
fluphenazine, 483
gold thioglucose, 347
hexamethonium, 23, 257
6-hydroxydopamine, 527
5-hydroxytryptamine, 131
histamine, 555
ibotenic acid, 439
kainic acid, 439
ketocyclazocine, 1
lergotrile, 375
methylnitrosourea, 45
α-methyl-p-tyrosine, 33
methysergide, 79
morphine, 1, 101
naloxone, 101
nicotine, 431
nonidet-P40, 775
norepinephrine, 79, 325
pentobarbital, 149, 303
pentobarbitone, 555
phentolamine, 79
β-phenylethylamine, 375
phlorizin, 347
picotroxin, 23
piribedil, 375
potassium chloride, 123
quipazine, 329
spiroperidol, 685
streptozotocin, 317
sulpiride, 483, 587
δ^9-tetrahydrocannabinol, 155, 341
tetrodotoxin, 123
tryptamine, 435
d-tubocurarine, 23, 431
urethane, 303
Drug interactions, 527
catecholamines
p-chlorophenylalanine
6-hydroxydopamine
neocortex
serotonin
Dye coupling, 211
artifactual staining
brain, rat
CA1 pyramidal cells
electronic coupling
hippocampus
Lucifer yellow

Eating
bombesin analogs, 617
cerebrospinal fluid, 293
drinking, 617
5-hydroxyindoles, 293
lateral hypothalamus, 617
liquid chromatography/electrochemical detection (LCEC), 293
satiety, 617
sleep, 293
tryptophan metabolites, 293
Efferent connections, 511
amygdala
autoradiographic tracing
cortex
habenula
lateral hypothalamic area
parabrachial nucleus
paraventricular hypothalamic nucleus
raphe nuclei
vagus
Electrical stimulation, 459
autoradiography
2-deoxyglucose
functional mapping
hypothalamus
limbic forebrain
Electron microscopy
aging, 381
Golgi gold staining, 631
inferior olive nucleus, 381
morphology, 631
neostriatum, 631
neuropil, 381
Electronic coupling, 211
artifactual staining
brain, rat
CA1 pyramidal cells
dye coupling

hippocampus
Lucifer yellow
Electroosmotic 2-deoxy-D-glucose (2-DG), 645
gastric acid secretion
lateral hypothalamus
neuronal responses
β-Endorphin, 149
lesions, radiofrequency
pentobarbital
plasma prolactin levels
raphe nuclei
stress
TRH
D-Ala²,D-Leu⁵-enkephalin (DADL), 1
bremazocine
delta opiate receptors
morphine
myoclonic contractions
opiate agonists
opioid peptides
Enzymatic fluorometric assay, 303
blood glucose monitoring methods
Dextrostix
Flaxedil
pentobarbital
urethane
YSI Glucose Analyzer
Ependymal tanycytes, 613
horseradish peroxidase
neuronal pathways
periventricular nucleus
ventromedial hypothalamus
Epileptic afterdischarges, 765
evoked potentials
ontogenesis
thalamo-cortical phenomena
17β-Estradiol, 341
CA1 field potentials
hippocampal slice
Δ⁹-tetrahydrocannabinol
Estrous cycle, 33
catecholamines
dopamine depletion rate
hamsters
hypothalamus
LHRH
Estrous cycle, female rat, 703
lesions, locus coeruleus
recovery of function
Eutherians, 551
afterpotentials
hedgehog
hippocampus
mammals
visual evoked potentials
Evoked potentials
Amygdala, 653
epileptic afterdischarges, 765
intracellular synaptic potentials, 653
lateral hypothalamus, 653
ontogenesis, 765
single unit recording, 653
thalamo-cortical phenomena, 765
Exploratory behavior, 609
anxiolytics
benzodiazepine receptors
diazepam
strain differences, mice
Extrapyramidal system, 183
AChE neurons
basal forebrain
basal ganglia
brain, cat
limbic system

Fine structure, 171
brain, rat
colchicine
dehydration
neurosecretion
rehydration
supraoptic nucleus
Flaxedil, 303
blood glucose monitoring methods
Dextrostix
enzymatic fluorometric assay
pentobarbital
urethane
YSI Glucose Analyzer
Fluphenazine, 483
acetylcholine
blood pressure
dopamine
dopaminergic mechanisms
noradrenaline
nucleus tractus solitarius
sulpiride
Focal cerebellar dystrophy, 45
anterior lobe
cerebellum
CNS developmental abnormalities
DNA alkylating agents
methylnitrosourea
Purkinje cells
vermis
Food intake, 347
glucose oxidation
gold thioglucose necrosis
lesions, VMH
phlorizin
Forebrain, 389
ascending projections
cerebellum
cerebral cortex
development
hippocampus
5-hydroxytryptamine
immunocytochemistry
indoleamine
raphe nuclei
serotonin
Frontal spindles, 15
cerveau isolé
sleep
theta activity
Functional anatomy, 229
catecholamine fluorescence
central nervous system
horseradish peroxidase
knife cuts, labeling
noradrenergic dorsal bundle
pathway tracing
Functional mapping, 459
autoradiography
2-deoxyglucose
electrical stimulation
hypothalamus
limbic forebrain

GABA
gap junctions, 273
glial cells, 273
hippocampal CA1 pyramidal cells, 155
intercellular contacts, 273
low frequency potentiation, 155
magnesium ions, 273
neocortical explants, 273
paired pulse inhibition, 155
quantitation, 273

synapse formation, 273
Δ-9-tetrahydrocannabinol, 155
tetrodotoxin, 273
tissue culture, 273
zona incerta, 273
Gap junctions, 273
GABA
glial cells
intercellular contacts
magnesium ions
neocortical explants
quantitation
synapse formation
tetrodotoxin
tissue culture
Gastric acid secretion, 645
electroosmotic 2-DG
lateral hypothalamus
neuronal responses
Gastric pathology, 489
immobilization stress
lesions, cingulate cortex
Glial cells, 273
GABA
gap junctions
intercellular contacts
magnesium ions
neocortical explants
quantitation
synapse formation
tetrodotoxin
tissue culture
Glial retraction, 197
hypothalamus
lactation
pregnancy
synaptogenesis
ultrastructure
Globus pallidus, 431
^{125}I-αbungarotoxin binding and distribution
caudate nucleus
cortex
hippocampus
hypothalamus
nicotinic receptors
nucleus accumbens
Glucose oxidation, 347
food intake
gold thioglucose necrosis
lesions, VMH
phlorizin
Glyoxylic acid histofluorescence, 593
diabetes, streptozotocin-induced
heart, rat
neurochemistry
noradrenergic fibers
Goldfish, 105
light deprivation
optic nerve crush
pattern discrimination
regeneration
Gold thioglucose necrosis, 347
food intake
glucose oxidation
lesions, VMH
phlorizin
Golgi gold staining, 631
electron microscopy
morphology
neostriatum
Golgi-Kopsch method, 261
dendritic spine density
preoptic area
puberty, female rat
Growth hormone, 587
apomorphine
dopamine receptors
human studies
sulpiride
Growth hormone releasing activity, 117
motilin
pituitary
Gustatory afferents, 685
amygdala
apomorphine
brain stimulation
dopaminergic afferents
pontine parabrachial nucleus
spiroperidol
ventral tegmental area
Gustatory pathways, 493
autonomic nervous system
insular cortex
parabrachial nucleus
visceral afferent pathways
wheat germ agglutinin/horseradish peroxidase

Habenula, 511
amygdala
autoradiographic tracing
cortex
efferent connections
lateral hypothalamic area
parabrachial nucleus
paraventricular hypothalamic nucleus
raphe nuclei
vagus
Hamsters, 33
catecholamines
dopamine depletion rate
estrous cycle
hypothalamus
LHRH
Headholder, 233
microinjections
multiaxial stereotaxic device
Head restraint, 443
cats
single unit recording
Heart, rat, 593
diabetes, streptozotocin-induced
glyoxylic acid histofluorescence
neurochemistry
noradrenergic fibers
Hedgehog, 551
after potentials
eutherians
hippocampus
mammals
visual evoked potentials
Hemicastration, 299
knife cuts, hypothalamic
serum FSH
Hexamethonium, 267
cardiac ganglia
celiac ganglion
DMPP
splanchnic nerve activity
sympathetic activity
High performance liquid chromatography (HPLC)
human studies, 623
hypothalamus, 623
hypothalamic function, 325
LHRH, 623
microinjection, 325
neural peptides, 623
noradrenergic neurons, 325
norepinephrine efflux, 325

push-pull perfusion, 325
TRH, 623
Hippocampal CA1 pyramidal cells, 155
GABA
low frequency potentiation
paired pulse inhibition
Δ^9-tetrahydrocannabinol
Hippocampal slice
CA1 field potentials, 341
17β-estradiol, 341
hypoxia, 95
nerve cell preservation, 95
Δ^9-tetrahydrocannabinol
Hippocampus
afterpotentials, 551
artifactual staining, 211
ascending projections, 389
associative changes, 367
brain, rat, 211
^{125}I-αbungarotoxin binding and distribution, 431
CA1 pyramidal cells, 211
caudate nucleus, 431, 477
cerebellum, 389
cerebral cortex, 389
cortex, 431
conditioning, 367
development, 389
differentiation, 367
dye coupling, 211
electronic coupling, 211
eutherians, 551
forebrain, 389
globus pallidus, 431
hedgehog, 551
5-hydroxyindoleacetic acid, 477
5-hydroxytryptamine, 389
hypothalamus, 431
immunocytochemistry, 389
inbred mice, 477
indoleamine, 389
Lucifer yellow, 211
mammals, 551
nicotinic receptors, 431
non-associative changes, 367
nucleus accumbens, 431
raphe nuclei, 389, 477
serotonin, 389, 477
time of day, 477
unit activity, 367
visual evoked potentials, 551
Histamine
acetylcholine, 23
algesic agents, 23
γ-aminobutyric acid, 23
blood, 555
bradykinin, 23
cerebrospinal fluid, 555
hypophysectomy, 555
nodose ganglion, 23
pentobarbitone, 555
rabbit, 23
receptor sites, 23
sensory ganglion, 23
serotonin, 23
vasopressin, 555
visceral afferent neurons, 23
Histochemistry, 223
acetylcholinesterase
brainstem
catecholamine neurons
Histofluorescence
acetylcholinesterase, 727, 751
basal forebrain, 727, 751
basolateral amygdala, 751
cholinergic afferents, 727
cholinergic systems, 751
cortex, 727
Hormone
17β-estradiol, 34
follicle-stimulating hormone (FSH), 299
growth hormone, 117, 587
LHRH, 33
luteinizing hormone, 255
noradrenaline, 483
prolactin, 149, 449
Horseradish peroxidase
afferent connections, 53, 63
acetylcholinesterase, 279
cardiac nerve physiology, 359
cardioinhibition, 359
cat brain, 711
catecholamine fluorescence, 229
central nervous system, 229
central gut projections map, 37
cholinergic neurons, 279
dogs, 359
dorsal vagal motor nucleus, 37
dorsomedial hypothalamus, 53
ependymal tanycytes, 613
functional anatomy, 229
inferior olive, 581
knife cuts, labeling, 229
lateral hypothalamic area, 63
lateral preoptic area, 63
lingual nerve, 73
locus coeruleus, 711
medial preoptic area, 53
medulla oblongata, 359
neuronal pathways, 613
nonidet-P40, 769
noradrenergic dorsal bundle, 229
nucleus ambiguus, 37, 359
olfactory bulb, 711
olfactory tubercle, 711
pathway tracing, 229
periventricular nucleus, 613
polyacrylamide gel, 581
rat brain, 711
retrograde transport, 73, 775
salivary nucleus, 73
tractus solitarius, nucleus, 37
transcannula subcortical implant, 581
vagal efferent neurons, 279
vaus nerve, 37, 775
ventromedial hypothalamus, 53, 613
Horseradish peroxidase-wheat germ agglutinin, 139
insular cortex
nucleus, tractus solitarius
pathway tracing
Human studies
apomorphine, 587
dopamine receptors, 587
growth hormone, 587
HPLC, 623
hypothalamus, 623
LHRH, 623
neural peptides, 623
sulpiride, 587
TRH, 623
Hydraulic pressure device for brain microinjections, 237
microinjections
pathway tracing
6-Hydroxydopamine, 527
catecholamines
p-chlorophenylalanine
drug interactions
neocortex
serotonin
5-Hydroxyindoleacetic acid, 477
caudate nucleus

hippocampus
inbred mice
raphe nuclei
serotonin
time of day
5-Hydroxyindoles, 293
cerebrospinal fluid
eating
liquid chromatography/electrochemical detection (LCEC)
sleep
tryptophan metabolites
5-Hydroxytryptamine, 389
ascending projections
cerebellum
cerebral cortex
development
forebrain
hippocampus
immunocytochemistry
indoleamine
raphe nuclei
serotonin
Hyperthermia, 79
brain, cat
catecholamine receptors
dopamine antagonists
hypothalamus
hypothermia
norepinephrine antagonists
preoptic area
serotonin receptors
thermoregulation
Hypophysectomy, 555
blood
cerebrospinal fluid
histamine
pentobarbitone
vasopressin
Hypothalamic function, 325
HPLC
microinjection
noradrenergic neurons
norepinephrine efflux
push-pull perfusion
Hypothalamus
autoradiography, 459
brain, cat, 79
^{125}I-αbungarotoxin binding and distribution, 431
catecholamine receptors, 79
catecholamines, 33
caudate nucleus, 431
cortex, 431
2-deoxyglucose, 459
dopamine antagonists, 79
dopamine depletion rate, 33
electrical stimulation, 459
estrous cycle, 33
functional mapping, 459
glial retraction, 197
globus pallidus, 431
hamsters, 33
hippocampus, 431
HPLC, 623
human studies, 623
hyperthermia, 79
hypothermia, 79
lactation, 197
LHRH, 33, 623
limbic forebrain, 459
neural peptides, 623
nicotinic receptors, 431
norepinephrine antagonists, 79
nucleus accumbens, 431
pregnancy, 197
preoptic area, 79
serotonin receptors, 79
synaptogenesis, 197
thermoregulation, 79
TRH, 623
ultrastructure, 197
Hypothalamic function, 325
HPLC
microinjection
noradrenergic neurons
norepinephrine efflux
push-pull perfusion
Hypothermia, 79
brain, cat
catecholamine receptors
dopamine antagonists
hyperthermia
hypothalamus
norepinephrine antagonists
preoptic area
serotonin receptors
thermoregulation
Hypoxia, 95
hippocampal slice
nerve cell preservation

Ibotenic acid, 439
behavior
kainic acid
neuromorphological alterations
Immobilization stress, 489
gastric pathology
lesions, cingulate cortex
Immunocytochemistry, 389
ascending projections
cerebellum
cerebral cortex
development
forebrain
hippocampus
5-hydroxytryptamine
indoleamines
raphe nuclei
serotonin
Inbred mice, 477
caudate nucleus
hippocampus
5-hydroxyindoleacetic acid
raphe nuclei
serotonin
time of day
Indoleamines, 389
ascending projections
cerebellum
cerebral cortex
development
forebrain
hippocampus
5-hydroxytryptamine
immunocytochemistry
raphe nuclei
serotonin
Inferior olive nucleus
aging, 381
electron microscope
horseradish peroxidase, 581
neuropil, 381
polyacrylamide gel, 581
transcannula subcortical implant, 581
Information processing, 163
brain, rat
cerebellum
Markov chain
neural coding
relative interval code

serial dependency
unit activity
Infusion pump, 543
digital linear actuator
neural recording
Insular cortex
autonomic nervous system, 493
gustatory pathways, 493
horseradish peroxidase-wheat germ agglutinin, 139
nucleus, tractus solitarius, 139
parabrachial nucleus, 493
pathway tracing, 139
visceral afferent pathways, 493
wheat germ agglutinin/horseradish peroxidase, 493
Intercellular contacts, 273
GABA
gap junctions
glial cells
magnesium ions
neocortical explants
quantitation
synapse formation
tetrodotoxin
tissue culture
Intracellular recording, 87
action potential duration
Lucifer yellow staining
paraventricular neurones
Intracellular synaptic potentials, 653
amygdala
evoked potentials
lateral hypothalamus
single unit recording
Iontophoresis, 435
cortical neurones
raphe nucleus stimulation
tryptamine
Ischemia, 535
muscle spindles
paresthesia
post-ischemic excitation
sensory receptors

Kainic acid, 439
behavior
ibotenic acid
neuromorphological alterations
Knife cuts, hypothalamic, 299
hemicastration
serum FSH
Knife cuts, labeling, 229
catecholamine fluorescence
central nervous system
functional anatomy
horseradish peroxidase
noradrenergic dorsal bundle
pathway tracing

Lactation
glial retraction, 197
hypothalamus, 197
neurohypophysis, 205
parturition, 205
pituicytes, 205
pregnancy, 197
synaptogenesis, 197
ultrastructure, 197, 205
Lateral hypothalamic area
afferent connections, 63
amygdala, 511
anterograde horseradish peroxidase, 249
autoradiographic tracing, 511
cortex, 511
efferent connections, 511
habenula, 511
horseradish peroxidase, 63
lateral preoptic area, 63
parabrachial nucleus, 511
paraventricular hypothalamic nucleus, 511
raphe nuclei, 511
retinohypothalamic pathways, 249
suprachiasmatic nucleus, 249
vagus, 511
Lateral hypothalamus
amygdala, 653
ascending serotonergic pathways, 131
bombesin analogs, 617
drinking, 617
eating, 617
electroosmotic 2-DG, 645
evoked potentials, 653
gastric acid secretion, 645
intracellular synaptic potentials, 653
lesions, electrolytic, 131
lesions, raphe, 131
neuronal responses, 645
satiety, 617
serotonergic terminals, 131
serotonin uptake, 131
single unit recording, 653
synaptosomal uptake, 131
Lateral preoptic area, 63
afferent connections
horseradish peroxidase
lateral hypothalamic area
Lesions, cingulate cortex, 489
gastric pathology
immobilization stress
Lesions, electrolytic
adipsia, 375
ascending serotonergic pathways, 131
dopamine agonists, 375
drinking, 375
lateral hypothalamus, 131
lesions, hypothalamic, 375
lesions, 6-OHDA, 375
lesions, raphe, 131
serotonergic terminals, 131
serotonin uptake, 131
synaptosomal uptake, 131
thirst, 375
Lesions, hypothalamic, 375
adipsia
dopamine agonists
drinking
lesions, electrolytic
lesions, 6-OHDA
thirst
Lesions, locus coeruleus, 703
estrous cycle, female rat
recovery of function
Lesions, medial preoptic area, 255
deafferentation
luteinizing hormone
medial basal hypothalamus
ovariectomy
Lesions, 6-OHDA, 375
adipsia
dopamine agonists
drinking
lesions, electrolytic
lesions, hypothalamic
thirst
Lesions, radiofrequency, 149
β-endorphin
pentobarbital
plasma prolactin levels
raphe nuclei

stress
TRH
Lesions, raphe, 131
ascending serotonergic pathways
lateral hypothalamus
lesions, electrolytic
serotonergic terminals
serotonin uptake
synaptosomal uptake
Lesions, ventromedial hypothalamic (VMH), 347
food intake
glucose oxidation
gold thioglucose necrosis
phlorizin
LHRH, 33
catecholamines
dopamine depletion rate
estrous cycle
hamsters
hypothalamus
Light deprivation, 105
goldfish
optic nerve crush
pattern discrimination
regeneration
Limbic forebrain, 459
autoradiography
2-deoxyglucose
electrical stimulation
functional mapping
hypothalamus
Limbic system, 183
AChE neurons
basal forebrain
basal ganglia
brain, cat
extrapyramidal system
Lingual nerve, 73
horseradish peroxidase
retrograde transport
salivary nucleus
Liquid chromatography/electrochemical detection (LCEC), 293
cerebrospinal fluid
eating
5-hydroxyindoles
sleep
tryptophan metabolites
Locus coeruleus, 711
cat brain
horseradish peroxidase
olfactory bulb
olfactory tubercle
rat brain
Low frequency potentiation, 155
GABA
hippocampal CA1 pyramidal cells
paired pulse inhibition
Δ^9-tetrahydrocannabinol
Lucifer yellow staining
action potential duration, 87
artifactual staining, 211
brain, rat, 211
CA1 pyramidal cells, 211
dye coupling, 211
electronic coupling, 211
hippocampus, 211
intracellular recording, 87
paraventricular neurones, 87
Luteinizing hormone, 255
deafferentation
lesions, medial preoptic area
medial basal hypothalamus
ovariectomy
Luteinizing hormone releasing hormone (LHRH), 623
HPLC
human studies
hypothalamus
neural peptides
TRH

Magnesium ions, 273
GABA
gap junctions
glial cells
intercellular contacts
neocortical explants
quantitation
synapse formation
tetrodotoxin
tissue culture
Mammals, 551
afterpotentials
eutherians
hedgehog
hippocampus
visual evoked potentials
Mapping studies, 693
mesencephalon
movable electrodes
psychophysical measurements
self-stimulation
Markov chain, 163
brain, rat
cerebellum
information processing
neural coding
relative interval code
serial dependency
unit activity
Medial basal hypothalamus, 255
deafferentation
lesions, medial preoptic area
luteinizing hormone
ovariectomy
Medial forebrain bundle, 667
noradrenaline
preoptic-anterior hypothalamus
thermoregulation
thermosensitive neurons
Medial preoptic area, 53
afferent connections
dorsomedial hypothalamus
horseradish peroxidase
ventromedial hypothalamus
Median eminence, 449
precocious puberty, female rat
prolactin
Mediobasal hypothalamus, 677
preoptic-anterior hypothalamus
thermoregulation
thermosensitive neurons
Mediodorsal thalamic nucleus, 781
cingulate cortex
differential conditioning
prefrontal cortex
rabbits
unit activity
Medulla oblongata, 359
cardiac nerve physiology
cardioinhibition
dogs
horseradish peroxidase
nucleus ambiguus
Medullary slices, 721
thermosensitive neurons
threshold temperature
transient response
Mesencephalon, 693
mapping studies

movable electrodes
psychophysical measurements
self-stimulation
Method
autoradiographic tracing, 511
autoradiography, 459
catecholamine histofluorescence, 229
chronic sampling technique, 789
electron microscopy, 631
electroosmotic 2-deoxy-D-glucose (2-DG), 645
enzymatic fluorometric assay, 303
glyoxylic acid histofluorescence, 593
Golgi gold staining, 631
Golgi-Kopsch method, 261
high pressure liquid chromatography (HPLC), 325, 623
histofluorescence, 727, 751
horseradish peroxidase, 37, 53, 63, 73, 229, 249, 279, 359, 581, 613, 711, 775
horseradish peroxidase-wheat germ agglutinin, 139, 493
intracellular recording, 87
liquid chromatography/electrochemical detection (LCEC), 293
Lucifer yellow staining, 87
psychophysical measurements, 693
push-pull perfusion, 325
radioautography, 503
sulphide/silver technique, 771
Timm stain technique, 771
Methylnitrosourea, 45
anterior lobe
cerebellum
CNS developmental abnormalities
DNA alkylating agents
focal cerebellar dystrophy
Purkinje cells
vermis
Microelectrode positioner, 539
chronic single-unit recording
restraint apparatus
Microinjections
headholder, 233
HPLC, 325
hydraulic pressure device for brain microinjections, 237
hypothalamic function, 325
multiaxial stereotaxic device, 233
noradrenergic neurons, 325
norepinephrine efflux, 325
pathway tracing, 237
push-pull perfusion, 325
Midbrain reticular formation, 7
neuronal activity
peripheral stimuli
substantia nigra
ventral tegmental area
Morphine
bremazocine, 1
DADL, 1
delta opiate receptors, 1
myoclonic contractions, 1
naloxone, 101
nucleus raphe magnus, 101
opiate agonists, 1
opioid peptides, 1
spontaneous unit activity, 101
Morphology, 631
electron microscopy
Golgi gold staining
neostriatum
Motilin, 117
growth hormone releasing activity
pituitary
Movable electrodes, 693
mapping studies
mesencephalon
psychophysical measurements
self-stimulation
Multiaxial stereotaxic device, 233
headholder
microinjections
Muscle spindles, 535
ischemia
paresthesia
post-ischemic excitation
sensory receptors
Muscular dystrophy, 547
adrenergic benzodiazepine receptors
brain receptor binding
Myoclonic contractions, 1
bremazocine
DADL
delta opiate receptors
morphine
opiate agonists
opioid peptides

Naloxone, 101
morphine
nucleus raphe magnus
spontaneous unit activity
Neocortex, 527
catecholamines
p-chlorophenylalanine
drug interactions
6-hydroxydopamine
serotonin
Neocortical explants, 273
GABA
gap junctions
glial cells
intercellular contacts
magnesium ions
quantitation
synapse formation
tetrodotoxin
tissue culture
Neostriatum, 631
electron microscopy
Golgi gold staining
morphology
Nerve activity, 123
cat
dendrites
raphe nuclei
serotonin release
Nerve cell preservation, 95
hippocampal slice
hypoxia
Neural coding, 163
brain, rat
cerebellum
information processing
Markov chain
relative interval code
serial dependency
unit activity
Neural peptides, 623
HPLC
human studies
hypothalamus
LHRH
TRH
Neural recording, 543
digital linear activator
infusion pump
Neurochemistry, 593
diabetes, streptozotocin-induced
glyoxylic acid histofluorescence
heart, rat
noradrenergic fibers

Neurohypophysis, 205
lactation
parturition
pituicytes
ultrastructure
Neuromorphological alterations, 439
behavior
ibotenic acid
kainic acid
Neuronal activity, 7
midbrain reticular formation
peripheral stimuli
substantia nigra
ventral tegmental area
Neuronal firing patterns, 565
cat
pulvinar nucleus of thalamus
stochastic models
visual attention
Neuronal pathways, 613
ependymal tanycytes
horseradish peroxidase
periventricular nucleus
ventromedial hypothalamus
Neuronal responses, 645
electroosmotic 2-DG
gastric acid secretion
lateral hypothalamus
Neuropil, 381
aging
electron microscope
inferior olive nucleus
Neurosecretion, 171
brain, rat
colchicine
dehydration
fine structure
rehydration
supraoptic nucleus
Nicotinic receptors, 431
^{125}I-αbungarotoxin binding and distribution
caudate nucleus
cortex
globus pallidus
hippocampus
hypothalamus
nucleus accumbens
Nociception, 777
nucleus raphe magnus
spinal trigeminal nucleus
tooth pulp evoked responses
Nodose ganglion
acetylcholine, 23
algesic agents, 23
γ-aminobutyric acid, 23
bradykinin, 23
histamine, 23
nucleus tractus solitarius, 503
rabbit, 23
radioautography, 503
receptor sites, 23
retrograde transport, 503
sensory ganglion, 23
serotonin, 23, 503
vagal afferents, 503
visceral afferent neurons, 23
Non-associative changes, 367
associative changes
conditioning
differentiation
hippocampus
unit activity
Nonidet-P40, 775
horseradish peroxidase
retrograde transport
vagus nerve
Noradrenaline
acetylcholine, 483
blood pressure, 483
dopamine, 483
dopaminergic mechanisms, 483
fluphenazine, 483
medial forebrain bundle, 667
nucleus tractus solitarius, 483
preoptic-anterior hypothalamus, 667
sulpiride, 483
thermoregulation, 667
thermosensitive neurons, 667
Noradrenergic dorsal bundle, 229
catecholamine fluorescence
central nervous system
functional anatomy
horseradish peroxidase
knife cuts, labeling
pathway tracing
Noradrenergic fibers, 593
diabetes, streptozotocin-induced
glyoxylic acid histofluorescence
heart, rat
neurochemistry
Noradrenergic neurons, 325
HPLC
hypothalamic function
microinjection
norepinephrine efflux
push-pull perfusion
Norepinephrine antagonists, 79
brain, cat
catecholamine receptors
dopamine antagonists
hyperthermia
hypothalamus
hypothermia
preoptic area
serotonin receptors
thermoregulation
Norepinephrine efflux, 325
HPLC
hypothalamic function
microinjection
noradrenergic neurons
push-pull perfusion
Nucleus accumbens, 431
^{125}I-αbungarotoxin binding and distribution
caudate ucleus
cortex
globus pallidus
hippocampus
hypothalamus
nicotinic receptors
Nucleus ambiguus
cardiac nerve physiology, 359
cardioinhibition, 359
central gut projections, map, 37
dogs, 359
dorsal vagal motor nucleus, 37
horseradish peroxidase, 37, 359
medulla oblongata, 359
stomach, 37
tractus solitarius, nucleus, 37
vagus nerve, 37
Nucleus raphe magnus
morphine, 101
naloxone, 101
nociception, 777
spinal trigeminal nucleus, 777
spontaneous unit activity, 101
tooth pulp evoked responses, 777
Nucleus tractus solitarius
acetylcholine, 483

blood pressure, 483
dopamine, 483
dopaminergic mechanisms, 483
fluphenazine, 483
horseradish peroxidase-wheat germ agglutinin, 139
insular cortex, 139
nodose ganglion, 503
noradrenaline, 483
pathway tracing, 139
rabbit, 285
radioautography, 503
retrograde transport, 503
serotonin, 503
sulpiride, 483
taste, 285
unit electrophysiology, 285
vagal afferents, 503

Olfactory bulb, 711
cat brain
horseradish peroxidase
locus coeruleus
olfactory tubercle
rat brain
Olfactory tubercle, 711
cat brain
horseradish peroxidase
locus coeruleus
olfactory bulb
rat brain
Ontogenesis, 765
epileptic afterdischarges
evoked potentials
thalamo-cortical phenomena
Opiate agonists, 1
bremazocine
DADL
delta opiate receptors
morphine
myoclonic contractions
opioid peptides
Opioid peptides, 1
bremazocine
DADL
delta opiate receptors
morphine
myoclonic contractions
opiate agonists
Optic nerve crush, 105
goldfish
light deprivation
pattern discrimination
regeneration
Ovariectomy, 255
deafferentation
lesions, medial preoptic area
luteinizing hormone
medial basal hypothalamus

Paired pulse inhibition, 155
GABA
hippocampal CA1 pyramidal cells
low frequency potentiation
Δ^9-tetrahydrocannabinol
Parabrachial nucleus
amygdala, 511
autonomic nervous system, 493
autoradiographic tracing, 511
cortex, 511
efferent connections, 511
gustatory pathways, 493
habenula, 511
insular cortex, 493
lateral hypothalamic area, 511
paraventricular hypothalamic nucleus, 511
raphe nuclei, 511
vagus, 511
visceral afferent pathways, 493
wheat germ agglutinin/horseradish peroxidase, 493
Paraventricular hypothalamic nucleus, 511
amygdala
autoradiographic tracing
cortex
efferent connections
habenula
lateral hypothalamic area
parabrachial nucleus
raphe nuclei
vagus
Paraventricular neurones, 87
action potential duration
intracellular recording
Lucifer yellow staining
Paresthesia, 535
ischemia
muscle spindles
post-ischemic excitation
sensory receptors
Parturition, 205
lactation
neurohypophysis
pituicytes
ultrastructure
Pathway tracing
catecholamine fluorescence, 229
central nervous system, 229
functional anatomy, 229
horseradish peroxidase, 229
horseradish peroxidase-wheat germ agglutinin, 139
hydraulic pressure device for brain microinjections, 237
insular cortex, 139
knife cuts, labeling, 229
microinjections, 237
noradrenergic dorsal bundle, 229
nucleus, tractus solitarius, 139
Pattern discrimination, 105
goldfish
light deprivation
optic nerve crush
regeneration
Pentobarbital
blood glucose monitoring methods, 303
Dextrostix
β-endorphin, 149
enzymatic fluorometric assay, 303
Flaxedil, 303
lesion, radiofrequency, 149
plasma prolactin levels, 149
raphe nuclei, 149
stress, 149
TRH, 149
urethane, 303
YSI Glucose Analyzer, 303
Pentobarbitone, 555
blood
cerebrospinal fluid
histamine
hypophysectomy
vasopressin
Peptide
[D-Trp^8] bombesin, 617
β-endorphin, 149
LHRH, 623
motilin, 117
TRH, 149, 623
vasopressin, 555
Peripheral nerve, 317
aging

alloxan
diabetes, experimental
diabetic neuropathy
streptozotocin
ultrastructural axonal pathology
Peripheral stimuli, 7
midbrain reticular formation
neuronal activity
substantia nigra
ventral tegmental area
Periventricular nucleus, 613
ependymal tanycytes
horseradish peroxidase
neuronal pathways
ventromedial hypothalamus
Phlorizin, 347
food intake
glucose oxidation
gold thioglucose necrosis
lesions, VMH
Pituicytes, 205
lactation
neurohypophysis
parturition
ultrastructure
Pituitary, 117
growth hormone releasing activity
motilin
Plasma prolactin levels, 149
β-endorphin
lesions, radiofrequency
pentobarbital
raphe nuclei
stress
TRH
Polyacrylamide gel, 581
horseradish peroxidase
inferior olive
transcannula subcortical implant
Pontine parabrachial nucleus, 685
amygdala
apomorphine
brain stimulation
dopaminergic afferents
gustatory afferents
spiroperidol
ventral tegmental area
Post-ischemic excitation, 535
ischemia
muscle spindles
paresthesia
sensory receptors
Precocious puberty, female rat, 449
median eminence
prolactin
Prefrontal cortex, 781
cingulate cortex
differential conditioning
mediodorsal thalamic nucleus
rabbits
unit activity
Pregnancy, 197
glial retraction
hypothalamus
lactation
synaptogenesis
ultrastructure
Preoptic-anterior hypothalamus
medial forebrain bundle, 667
mediobasal hypothalamus, 677
noradrenaline, 667
thermoregulation, 667, 677
thermosensitive neurons, 667, 677
Preoptic area
brain, cat, 79
catecholamine receptors, 79
dendritic spine density, 261
dopamine antagonists, 79
Golgi-Kopsch method, 261
hyperthermia, 79
hypothalamus, 79
hypothermia, 79
norepinephrine antagonists, 79
puberty, female rat, 261
serotonin receptors, 79
thermoregulation, 79
Prolactin, 449
median eminence
precocious puberty, female rat
Psychophysical measurements, 693
mapping studies
mesencephalon
movable electrodes
self-stimulation
Puberty, female rat, 261
dendritic spine density
Golgi-Kopsch method
preoptic area
Pulvinar nucleus of thalamus, 565
cat
neuronal firing patterns
stochastic models
visual attention
Purkinje cells, 45
anterior lobe
cerebellum
CNS developmental abnormalities
DNA alkylating agents
focal cerebellar dystrophy
methylnitrosourea
vermis
Push-pull perfusion, 325
HPLC
hypothalamic function
microinjection
noradrenergic neurons
norepinephrine efflux

Quantitation, 273
GABA
gap junctions
glial cells
intercellular contacts
magnesium ions
neocortical explants
synapse formation
tetrodotoxin
tissue culture
Quipazine, 329
REM sleep rebound
sleep deprivation
slow-wave sleep

Rabbit
acetylcholine, 23
algesic agents, 23
γ-aminobutyric acid, 23
bradykinin, 23
cingulate cortex, 781
differential conditioning, 781
histamine, 23
mediodorsal thalamic nucleus, 781
nodose ganglion, 23
nucleus tractus solitarius, 285
prefrontal cortex, 781
receptor sites, 23
sensory ganglion, 23
serotonin, 23

taste, 285
unit activity, 781
unit electrophysiology, 285
visceral afferent neurons, 23
Radioautography, 503
nodose ganglion
nucleus tractus solitarius
retrograde transport
serotonin
vagal afferents
Raphe nuclei
amygdala, 511
ascending projections, 389
autoradiographic tracing, 511
cat, 123
caudate nucleus, 477
cerebellum, 389
cerebral cortex, 389
cortex, 511
dendrites, 123
development, 389
efferent connections, 511
β-endorphin, 149
forebrain, 389
habenula, 511
hippocampus, 389, 477
5-hydroxyindoleacetic acid, 477
5-hydroxytryptamine, 389
immunocytochemistry, 389
inbred mice, 477
indoleamine, 389
lateral hypothalamic area, 511
lesions, radiofrequency, 149
nerve activity, 123
parabrachial nucleus, 511
paraventricular hypothalamic nucleus, 511
pentobarbital, 149
plasma prolactin levels, 149
serotonin, 389, 477
serotonin release, 123
stress, 149
time of day, 477
TRH, 149
vagus, 511
Raphe nucleus stimulation, 435
cortical neurones
iontophoresis
tryptamine
Rat brain, 711
cat brain
horseradish peroxidase
locus coeruleus
olfactory bulb
olfactory tubercle
Receptor sites, 23
acetylcholine
algesic agents
γ-aminobutyric acid
bradykinin
histamine
nodose ganglion
rabbit
sensory ganglion
serotonin
visceral afferent neurons
Recovery of function, 703
estrous cycle, female rat
lesions, locus coeruleus
Regeneration, 105
goldfish
light deprivation
optic nerve crush
pattern discrmination
Rehydration, 171
brain, rat
colchicine
dehydration
fine structure
neurosecretion
supraoptic nucleus
Relative interval code, 163
brain, rat
cerebellum
information processing
Markov chain
neural coding
serial dependency
unit activity
REM sleep rebound, 329
quipazine
sleep deprivation
slow-wave sleep
Restraint apparatus, 539
chronic single-unit recording
microelectrode positioner
Retinohypothalamic pathways, 249
anterograde horseradish peroxidase
lateral hypothalamic area
suprachiasmatic nucleus
Retrograde transport
horseradish peroxidase, 73, 775
lingual nerve, 73
nodose ganglion, 503
nonidet-P40, 775
nucleus tractus solitarius, 503
radioautography, 503
salivary nucleus, 73
serotonin, 503
vagal afferents, 503
vagus nerve, 775

Salivary nucleus, 73
horseradish peroxidase
lingual nerve
retrograde transport
Satiety, 617
bombesin analogs
drinking
eating
lateral hypothalamus
Self-stimulation, 693
mapping studies
mesencephalon
movable electrodes
psychophysical measurements
Self-stimulation, intracranial
thalamus, 353
Sensory ganglion, 23
acetylcholine
algesic agents
γ-aminobutyric acid
bradykinin
histamine
nodose ganglion
rabbit
receptor sites
sensory ganglion
serotonin
visceral afferent neurons
Sensory receptors, 535
ischemia
muscle spindles
paresthia
post-ischemic excitation
Serial dependency, 163
brain, rat
cerebellum
information processing
Markov chain

neural coding
relative interval code
unit activity
Serotonergic terminals, 131
ascending serotonergic pathways
lateral hypothalamus
lesions, electrolytic
lesions, raphe
serotonin uptake
synaptosomal uptake
Serotonin
acetylcholine, 23
algesic agents, 23
γ-aminobutyric acid, 23
ascending projections, 389
bradykinin, 23
catecholamines, 527
caudate nucleus, 477
cerebellum, 389
cerebral cortex, 389
p-chlorophenylalanine, 527
development, 389
drug interactions, 527
forebrain, 389
hippocampus, 389, 477
histamine, 23
6-hydroxydopamine, 527
5-hydroxyindoleacetic acid, 477
5-hydroxytryptamine, 389
immunocytochemistry, 389
inbred mice, 477
indoleamines, 389
neocortex, 527
nodose ganglion, 23, 503
nucleus tractus solitarius, 503
rabbit, 23
radioautography, 503
raphe nuclei, 389, 477
receptor sites, 23
retrograde transport, 503
sensory ganglion, 23
time of day, 477
vagal afferents, 503
visceral afferent neurons, 23
Serotonin receptors, 79
brain, cat
catecholamine receptors
dopamine antagonists
hyperthermia
hypothalamus
hypothermia
norepinephrine antagonists
preoptic area
thermoregulation
Serotonin release, 123
cat
dendrites
nerve activity
raphe nuclei
Serotonin uptake, 131
ascending serotonergic pathways
lateral hypothalamus
lesions, electrolytic
lesions, raphe
serotonergic terminals
synaptosomal uptake
Serum FSH, 299
hemicastration
knife cuts, hypothalamic
Single unit recording
amygdala, 653
cats, 443
evoked potentials, 653
head restraint, 443
intracellular synaptic potentials, 653
lateral hypothalamus, 653
Sleep
cerebrospinal fluid, 293
cerveau isolé, 15
eating, 293
frontal spindles, 15
5-hydroxyindoles, 293
liquid chromatography/electrochemical detection (LCEC), 293
theta activity, 15
tryptophan metabolites, 293
Sleep deprivation, 329
quipazine
REM sleep rebound
slow-wave sleep
Slow-wave sleep, 329
quipazine
REM sleep rebound
sleep deprivation
Spinal trigeminal nucleus, 777
nociception
nucleus raphe magnus
tooth pulp evoked responses
Spiroperidol, 685
amygdala
apomorphine
brain stimulation
dopaminergic afferents
gustatory afferents
pontine parabrachial nucleus
ventral tegmental area
Splanchnic nerve activity, 267
cardiac ganglia
celiac ganglion
DMPP
hexamethonium
sympathetic activity
Spontaneous unit activity, 101
morphine
naloxone
nucleus raphe magnus
Stochastic models, 565
cat
neuronal firing patterns
pulvinar nucleus of thalamus
visual attention
Stomach, 37
central gut projections, map
dorsal vagal motor nucleus
horseradish peroxidase
nucleus ambiguus
tractus solitarius, nucleus
vagus nerve
Strain differences, mice, 609
anxiolytics
benzodiazepine receptors
diazepam
exploratory behavior
Streptozotocin, 317
aging
alloxan
diabetes, experimental
diabetic neuropathy
peripheral nerve
ultrastructural axonal pathology
Stress, 149
β-endorphin
lesions, radiofrequency
pentobarbital
plasma prolactin levels
raphe nuclei
TRH
Substantia nigra, 7
midbrain reticular formation
neuronal activity
peripheral stimuli

ventral tegmental area
Sulphide/silver technique, 777
Timm stain
transitional metals
Sulpiride
acetylcholine, 483
apomorphine, 587
blood pressure, 483
dopamine, 483
dopamine receptors, 587
dopaminergic mechanisms, 483
fluphenazine, 483
growth hormone, 587
human studies, 587
noradrenaline, 483
nucleus tractus solitarius, 483
Suprachiasmatic nucleus, 249
anterograde horseradish peroxidase
lateral hypothalamic area
retinohypothalamic pathways
Supraoptic nucleus, 171
brain, rat
colchicine
dehydration
fine structure
neurosecretion
rehydration
Sympathetic activity, 267
cardiac ganglia
celiac ganglion
DMPP
hexamethonium
splanchnic nerve activity
Synapse formation, 273
GABA
gap junctions
glial cells
intercellular contacts
magnesium ions
neocortical explants
quantitation
tetrodotoxin
tissue culture
Synaptogenesis, 197
glial retraction
hypothalamus
lactation
pregnancy
ultrastructure
Synaptosomal uptake, 131
ascending serotonergic pathways
lateral hypothalamus
lesions, electrolytic
lesions, raphe
serotonergic terminals
serotonin uptake

Taste, 285
nucleus tractus solitarius
rabbit
unit electrophysiology
Δ^9-Tetrahydrocannabinol
CA1 field potentials, 341
17β-estradiol, 341
GABA, 155
hippocampal CA1 pyramidal cells, 155
hippocampal slice, 341
low frequency potentiation, 155
paired pulse inhibition, 155
Tetrodotoxin, 273
GABA
gap junctions
glial cells
intercellular contacts
magnesium ions
neocortical explants
quantitation
synapse formation
tissue culture
Thalamo-cortical phenomena, 765
epileptic afterdischarges
evoked potentials
ontogenesis
Thalamus, 353
self-stimulation, intracranial
Thermoregulation
brain, cat, 79
catecholamine receptors, 79
dopamine antagonists, 79
hyperthermia, 79
hypothalamus, 79
hypothermia, 79
medial forebrain bundle, 667
mediobasal hypothalamus, 677
noradrenaline, 667
preoptic-anterior hypothalamus, 667, 677
norepinephrine antagonists, 79
preoptic area, 79
serotonin receptors, 79
thermosensitive neurons, 667, 677
Thermosensitive neurons
medial forebrain bundle, 667
mediobasal hypothalamus, 677
medullary slices, 721
noradrenaline, 667
preoptic anterior hypothalamus, 667, 677
thermoregulation, 667, 677
threshold temperature, 721
transient response, 721
Theta activity, 15
cerveau isolé
frontal spindles
sleep
Thirst, 375
adipsia
dopamine agonists
drinking
lesions, electrolytic
lesions, hypothalamic
lesions, 6-OHDA
Threshold temperature, 721
medullary slices
thermosensitive neurons
transient response
Thyrotropin-releasing hormone (TRH)
β-endorphin, 149
HPLC, 623
human studies, 623
hypothalamus, 623
lesions, radiofrequency, 149
LHRH, 623
neural peptides, 623
pentobarbital, 149
plasma prolactin levels, 149
raphe nuclei, 149
stress, 149
Time of day, 477
caudate nucleus
hippocampus
5-hydroxyindoleacetic acid
inbred mice
raphe nuclei
serotonin
Timm stain, 771
sulphide/silver technique
transitional metals
Tissue culture, 273
GABA
gap junctions

glial cells
intercellular contacts
magnesium ions
neocortical explants
quantitation
synapse formation
tetrodotoxin
Tooth pulp evoked responses, 777
nociception
nucleus raphe magnus
spinal trigeminal nucleus
Tractus solitarius, nucleus, 37
central gut projections, map
dorsal vagal motor nucleus
horseradish peroxidase
nucleus ambiguus
stomach
tractus solitarius, nucleus
vagus nerve
Transcannula subcortical implant, 581
horseradish peroxidase
inferior olive
polyacrylamide gel
Transient response, 721
medullary slices
thermosensitive neurons
threshold temperature
Transitional metals, 771
sulphide/silver technique
Timm stain
Tryptamine, 435
cortical neurones
iontophoresis
raphe nucleus stimulation
Tryptophan metabolites, 293
cerebrospinal fluid
eating
5-hydroxyindoles
liquid chromatography/electrochemical detection (LCEC)
sleep

Ultrastructure
glial retraction, 197
hypothalamus, 197
lactation, 197, 205
neurohypophysis, 205
parturition, 205
pituicytes, 205
pregnancy, 197
synaptogenesis, 197
Ultrastructural axonal pathology, 317
aging
alloxan
diabetes, experimental
diabetic neuropathy
peripheral nerve
streptozotocin
Unit activity
associative changes, 367
brain, rat, 163
cerebellum, 163
cingulate cortex, 781
conditioning, 367
differential conditioning, 781
differentiation, 367
hippocampus, 367
information processing, 163
Markov chain, 163
mediodorsal thalamic nucleus, 781
neural coding, 163
non-associative changes, 367
prefrontal cortex, 781
rabbits, 781
relative interval code, 163
serial dependency, 163
Unit electrophysiology, 285
nucleus tractus solitarius
rabbit
taste
Urethane, 303
blood glucose monitoring methods
Dextrostix
enzymatic fluorometric assay
Flaxedil
pentobarbital
YSI Glucose Analyzer
Vagal afferents, 503
nodose ganglion
nucleus tractus solitarius
radioautography
retrograde transport
serotonin

Vagal efferent neurons, 279
acetylcholinesterase
cholinergic neurons
horseradish peroxidase
Vagus, 511
amygdala
autoradiographic tracing
cortex
efferent connections
habenula
lateral hypothalamic area
parabrachial nucleus
paraventricular hypothalamic nucleus
raphe nuclei
Vagus nerve
central gut projections, map, 37
dorsal vagal motor nucleus, 37
horseradish peroxidase, 37, 775
nonidet-P40, 775
nucleus ambiguus, 37
retrograde trasnport, 775
stomach, 37
tractus solitarius, nucleus, 37
Vasopressin, 555
blood
cerebrospinal fluid
histamine
hypophysectomy
pentobarbitone
Ventral tegmental area
amygdala, 685
apomorphine, 685
brain stimulation, 685
dopaminergic afferents, 685
gustatory afferents, 685
midbrain reticular formation, 7
neuronal activity, 7
peripheral stimuli, 7
pontine parabrachial nucleus, 685
spiroperiodol, 685
substantia nigra, 7
Ventromedial hypothalamus
afferent connections, 53
dorsomedial hypothalamus, 53
ependymal tanycytes, 613
horseradish peroxidase, 53, 613
medial preoptic area, 53
neuronal pathways, 613
periventricular nucleus, 613
Vermis, 45
anterior lobe
cerebellum
CNS developmental abnormalities
DNA alkylating agents
focal cerebellar dystrophy

methylnitrosourea
Purkinje cells
Visceral afferent neurons, 23
acetylcholine
algesic agents
γ-aminobutyric acid
bradykinin
histamine
nodose ganglion
rabbit
receptor sites
sensory ganglion
serotonin
Visceral afferent pathways, 493
autonomic nervous system
gustatory pathways
insular cortex
parabrachial nucleus
wheat germ agglutinin/horseradish peroxidase
Visual attention, 565
cat
neuronal firing patterns
pulvinar nucleus of thalamus
stochastic models
Visual evoked potentials, 551
after potentials
eutherians
hedgehog
hippocampus
mammals

Wheat germ agglutinin/horseradish peroxidase, 493
autonomic nervous system
gustatory pathways
insular cortex
parabrachial nucleus
visceral afferent pathways

YSI Glucose Analyzer, 303
blood glucose monitoring methods
Dextrostix
enzymatic fluorometric assay
Flaxedil
pentobarbital
urethane

AUTHOR INDEX

ADAMEK, G., 233
ADVIS, J. P., 449
AGUILAR-BATURONI, H. U., 703, 711
ANDERSON, C. H., 261
ANDREW, R. D., 87, 211
ANDREWS, W. W., 449
ARANEDA, S., 503
ARMOUR, J. A., 359
AZMITIA, E. C., 73

BARRIT, M.-C., 477
BARRON, S. E., 279
BARROW, D. L., 163
BERK, M. L., 511
BESCH, E. L., 33
BESCH, H. R., JR., 593
BIEGER, D., 223
BIGL, V., 727
BROWN, D. F., 347
BURNS, L. L., 565
BUTCHER, L. L., 727, 751

CARLTON, S. M., 581
CARRILLO, A. J., 255
CASTALDI, A. A., 443
CHANG, H. T., 631
CHARPENET, G., 149
CHEN, C. L., 33
CHEN, E., 565
CHOI, S. Y., 565
CHRONISTER, R. B., 45
CLAVIER, R. M., 353
COLLU, R., 149
CRAWLEY, J. N., 609

DANGUIR, J., 293
DASZUTA, A., 477
DAVIS, L. G., 609
DELACOUR, J., 367
DELLMANN, H.-D., 171
DEVYNCK, M.-A., 293
DI LORENZO, P. M., 285
DONATTI-ALBARRAN, O. A., 711
DOURISH, C. T., 375
DUDEK, F. E., 87, 211
DURIVAGE, A., 693
DZOLJIC, M. R., 1

EBLY, E. M., 543, 775
EISENMAN, J. S., 73
ELGHOZI, J.-L., 293
ELJARMAK, D., 149
ESTES, K. S., 33
ETIENNE, P., 587

FAUDON, M., 123
FELTEN, D. L., 317, 593
FELTEN, S. Y., 593
FINKELSTEIN, J. A., 511
FISCHER, J., 765
FISH, K. W., 303
FOY, M. R., 341
FRANCIS, A., 105
FROTSCHER, M., 95

GABRIEL, M., 781
GALLAGHER, J. P., 23
GAUDIN-CHAZAL, G., 503
GAZZANIGA, M. S., 105
GERFEN, C. R., 353
GERMAN, D. C., 539
GIBBS, J., 617
GLADFELTER, W. E., 131
GONZALEZ, E. R., 267
GOTTESMANN, C., 15
GRANATA, A. R., 483
GUEVARA-AGUILAR, R., 703, 711
GUNNELL, D. L., 155
GUYDA, H., 587
GWYN, D. G., 37

HAHN, J. R., 233
HARLEY, C. W., 223, 229
HATTON, G. I., 87, 197, 205
HAYASHI, M., 381
HENKE, P. G., 489
HERMANN, G. E., 543
HERY, F., 123
HEYM, J., 131
HIGASHI, H., 23
HONDA, K., 431
HOOVER, D. B., 279
HOPKINS, D. A., 37, 359
HORI, N., 613
HORI, T., 667, 677

IKARI, K., 381
IRIKI, A., 777
ISKANDAR, H. I., 587

JACOBSON, S. R., 233
JANKA, Z., 273
JÉQUIER, J. C., 149
JERISON, H. J., 551
JIRAKULSOMCHOK, S., 45
JONES, D. G., 273
JONES, R. S. G., 375, 435

KAMIYA, H., 431
KAYAALP, S. O., 535
KESSLER, J., 439
KHAN, I., 547
KISER, R. S., 789
KITA, H., 53, 63, 249
KITAI, S. T., 631
KIYOHARA, T., 667, 677
KLEMM, W. R., 163
KOBAYASHI, S., 721
KOHJIMOTO, Y., 431
KRIEGER, A. J., 267
KUMAR, M. S. A., 33
KUSUNOKI, T., 431

LAL, S., 587
LEICHNETZ, G. R., 581
LEITNER, D. S., 105
LE QUAN-BUI, K. H., 293
LESLIE, R. A., 37
LIDOV, H. G. W., 389
LIDSKY, T. I., 443
LIHOLTZ, L. A., 775
LUMPKIN, M. D., 117

McCALEB, M. L., 325
McCANN, S. M., 117

MacVICAR, B. A., 87
MAEDA, H., 7
MALSBURY, C. W., 229
MARCZYNSKI, G. T., 565
MARCZYNSKI, T. J., 565
MARES, P., 765
MARESOVA, D., 765
MARKOWITSCH, H. J., 439
MARRAZZI, M. A., 303
MAYER, D. J., 581
MENS, W. B. J., 555
MILIARESSIS, E., 693
MILLER, J. D., 539
MISGELD, U., 95
MOGENSON, G. J., 7, 685
MOGER, W. H., 299
MOLLIVER, M. E., 389
MOORE, S. A., 317
MURAKAMI, N., 721
MYERS, R. D., 79, 325

NAIR, N. P. V., 587
NAKASHIMA, T., 667, 677
NANCE, D. M., 299
NICOLAIDIS, S., 293
NISHI, S., 23

O'CONNOR, B. L., 317
OGATA, R., 381
OJEDA, S. R., 449
ONO, T., 653
OOMURA, Y., 53, 63, 249, 613, 653
O'REILLY-FROMENTIN, J., 183
ORONA, E., 781
OSAKA, T., 677

PARENT, A., 183
PARKER, C. R., JR., 623
PETERSON, R. G., 317, 593
POEL-HEISTERKAMP, A. L., 1
PORTER, J. C., 623
POULAKOS, J., 459
PUIZILLOUT, J.-J., 503

RADULOVACKI, M., 329
READER, T. A., 527
ROGERS, R. C., 543, 775
ROMPRE, P. P., 693
RUWE, W. D., 79

SAKURAI, Y., 431
SAMSON, W. K., 117
SANDERS, M. S., 493
SAPRU, H. N., 267
SAVOIE, R. J., 489
SCHNEIDER, J. S., 443
SCHWARTZBAUM, J. S., 285
SCOUTEN, C. W., 229
SEYFRITZ, N., 503

SHEA, P. A., 593
SHERRY, C. J., 163
SHIBATA, M., 667, 677
SHIBATA, S., 613
SHINNICK-GALLAGHER, P., 23
SHIPLEY, M. T., 138, 233, 237, 493
SHIRAISHI, T., 645
SIEGEL, A., 459
SIKORA-VANMETER, K. C., 171
SIMPKINS, J. W., 33
SIMPSON, A., 645
SLOVITER, R. S., 771
SMITH, C. M., 535
SNOW, R. W., 211
SOLANO-FLORES, L. P., 703, 711
STUCKEY, J. A., 617

TAKANO, Y., 431
TAYLOR, C. P., 211
TERNAUX, J.-P., 123
TEYLER, T. J., 155, 341
TODA, K., 101, 777
TROIANO, R., 459
TROJAN, S., 765
TWEEDLE, C. D., 197, 205

UCHIMURA, K., 431
UEDA, N., 23
USER, P., 15

VAN DAM, A. F., 555
VAN WIMERSMA GREIDANUS, Tj. B., 555
VARDARIS, R. M., 155, 341
VIGIER, D., 503
VILES, J. M., 347

WATSON, R. E., JR., 459
WEI, J. Y., 565
WEINER, S., 459
WEISZ, D. J., 155
WILKINSON, M., 547
WOOD, P. L., 587
WOODRUFF, G. N., 483
WOOLF, N. J., 727, 751
WU, M., 685

YELLIN, A. M., 551
YIELDING, K. L., 45
YOUNG, E. G., 581

ZAK, R., 329